

STORMWATER PLAN

- As Required on All Plan Sheets

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- Name of Property Owner (s)
- Name, Address, and Phone Number of Contact Person
- PIN Number(s) of Property Being Developed
- Size of Property in Acres
- Amount of Impervious Area in Acres
- % of Area that is Impervious

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- Provide North Arrow
- Include A 4”X4” Vicinity Map at a Maximum Scale of 1”=1000’
- Include A Graphic Scale for the Plan
- Show all Existing Property Boundaries with Dimensions (Show Entire Property)
- PIN Number(s) of Adjacent Properties
- Show Existing and Proposed Topographical Contours (5 ft. increments or less), Elevation Labels Must Be Provide for Contours at 25 ft Intervals.
(Contour Information Must be Developed from Actual Field Topographic Survey.
A Copy of the Sealed Topographic Survey Will be Required.)

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- Depict and Label all Existing and Proposed Retaining Walls, if Applicable
- Depict and Indicate all Existing and Proposed Stormwater Drainage Structures, if Applicable

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- The Type of Structure Must be Indicated.
- All Structures Must be Labeled With a Structure ID
- Invert Elevations Must be Indicated for all Pipes in the Structure
- The Elevation of the Top of the Structure Must be Indicated
- The Appropriate Standard Detail Must be Referenced.

- Depict and Indicate all Existing and Proposed Stormwater Drainage Pipes, if Applicable

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- The Material Type of Pipe Must be Indicated.
- All Pipes Must be Labeled With a Pipe ID
- The Length, Size and Slope of all Pipes Must Be Indicated
- The Appropriate Standard Installation Detail Must be Referenced.

- Depict and Label all Existing and Proposed Stormwater Conveyance Ditches, if Applicable

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- All Ditch Sections Must be Labeled With a Ditch ID
- Indicate the %Slope of all Ditch Sections
- Provide Ditch Cross-Sections, Indicating Ditch Depth, Top and Bottom Widths and Side Slopes
- Indicate Type and Installation Requirements for in Ditch Erosion Protection,

Such as Riprap, Geo-Blankets, Etc.

- Depict and Indicate all Existing and Proposed Detention/Retention Basins, Underground Storage Systems and all other BMPs, if Applicable ☐
 - All Basins Must be Labeled With a Basin ID
 - Dimension Basins
 - Indicate Basin Volume
 - **For Above Ground Basins, Depict Grading for Basin by Showing Basin Contours**
 - Provide Specific Basin Cross-Sections and Information, Which Indicates all Pertinent Design Information.
- Depict and Indicate all Existing and Proposed Stormwater Control Structures, if Applicable ☐
 - All Structures Must be Labeled With a Structure ID
 - Provide a Specific Control Structure Detail with Dimensions, Which Indicates all Pertinent Design Information.
- Provide Profiles for Stormwater Drainage System, if Applicable ☐

Profiles must include the following

 - Stormwater Structures and Pipes With all Information as Indicated Above
 - All Crossings With Other Existing and Proposed Underground Utilities, With Separation Distances Indicated
 - Proposed and Finished Grades
- Depict and Label all Stormwater Dispersion Devices ☐
- Depict and Indicate all Water Courses and Water Bodies ☐
- Show and Label all Existing and Proposed Structures and Improved Areas, ☐
- Show and Label all Flood Zones, if Applicable ☐
- Depict and Indicate all Existing and Proposed Utilities ☐
- Show Existing and Proposed Easements; Label and Dimension ☐
- Depict all Adjacent Streets and indicate Name and Width ☐
- Show and Dimension all Right-of-Ways ☐
- Provide All Pertinent Stormwater Notes and **Details** ☐
- * **Additional Items That Are Required:**
- For Pipes and Ditches; Capacity and Velocity Calculations Must be Submitted ☐

Calculations Must Bear Design Professional Seal and Signature.
- For Basins and Control Structures; Pre and Post Development Runoff Calculations ☐

Must be Submitted. Storage Volume, Inflow and Out Flow Calculations must be Submitted. Calculations must Bear Design Professional Seal and Signature. Also, Provide a Maintenance Schedule With the Calculations.
- **For Outlets, Provide Calculations for Dispersion Devices** ☐
- **For Inlets on Public Streets, Provide Stormwater Spread Calculations.** ☐